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1c678 U.S. PTO  
09/498701  
02/07/00

546	Class	2	Subclass
ISSUE CLASSIFICATION			

PATENT NUMBER

# U.S. UTILITY Patent Application

O.I.P.E. SCANNED <i>HA</i> <i>SS</i> <i>Q.A.</i> <i>OMW</i>	PATENT DATE
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APPLICATION NO. 09/498701	CONT/PRIOR YES	CLASS 546	SUBCLASS 002	ART UNIT 1612 1625	EXAMINER DESAI
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APPLICANTS  
Barry Trost  
Iwao Hachiya

TITLE  
Catalytic Compositions and methods for asymmetric allylic alkylation

PTO-2040  
12/99

## ISSUING CLASSIFICATION

ORIGINAL		CROSS REFERENCE(S)					
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
546	2	544	224	226			
INTERNATIONAL CLASSIFICATION		556	63	57	61	62	
C07F	4/00						
C07D	213/02						
C07D	230/02						
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☐ TERMINAL DISCLAIMER

### DRAWINGS

### CLAIMS ALLOWED

Sheets Drwg. 4	Figs. Drwg. NONE	Print Fig. NONE	Total Claims 12	Print Claim for O.G. 1
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☐ The term of this patent subsequent to \_\_\_\_\_ (date) has been disclaimed.

*RITA DESAI* *6-14-2001*  
(Assistant Examiner) (Date)

### NOTICE OF ALLOWANCE MAILED

6.18.01

☐ The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. \_\_\_\_\_

*Alan L. Rotman*  
**ALAN L. ROTMAN**  
PRIMARY EXAMINER  
*4/5/01*  
(Primary Examiner) (Date)

### ISSUE FEE

Amount Due 1240.00	Date Paid
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☐ The terminal \_\_\_\_\_ months of this patent have been disclaimed.

*Wing* *1/20/01*  
(Legal Instruments Examiner) (Date)

### ISSUE BATCH NUMBER

477

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(Rev. 6/99)

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